**Python Troubleshooting**

ID:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name(Chinese):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name(English):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Error 1**

print("Hello world!)

SyntaxError: EOL while scanning string literal

***Solution:***

Print(“Hello world!”)

**Error 2**

print(x)

NameError: name 'x' is not defined

***Solution:***

Define x first

**Error 3**

if True:

print("Indentation error")

IndentationError: expected an indented block

***Solution:***

縮排

**Error 4**

num = 10

print("Number: " + num)

TypeError: can only concatenate str (not "int") to str

***Solution:***

***改成 print("Number: " + str(num))***

**Error 5**

int("abc")

ValueError: invalid literal for int() with base 10: 'abc'

***Solution:***

**Error 6**

my\_list = [1, 2, 3]

print(my\_list[3])

IndexError: list index out of range

**Error 7**

my\_dict = {'a': 1, 'b': 2}

print(my\_dict['c'])

KeyError: 'c'

***Solution:***

**Error 8**

x = 10

print(x.append(5))

AttributeError: 'int' object has no attribute 'append'

***Solution:***

**Error 9**

with open('nonexistent\_file.txt', 'r') as file:

content = file.read()

FileNotFoundError: [Errno 2] No such file or directory: 'nonexistent\_file.txt'

***Solution:***

**Error 10**

import non\_existent\_module

ModuleNotFoundError: No module named 'non\_existent\_module'

***Solution:***